INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/017917

		101/012	001/02/52/
A. CLASSIFICATION Int.Cl7	ATION OF SUBJECT MATTER B60B35/18, F16C19/38, F16C33/6	60, F16C33/76, F16C35/0	063
	rnational Patent Classification (IPC) or to both national	classification and IPC	
B. FIELDS SEA			
Minimum docum Int.Cl ⁷	entation searched (classification system followed by classification system	ssification symbols) /56, F16C33/30-35/12	
Jitsuyo Kokai Ji	tsuyo Shinan Koho 1971-2004 Tor	tsuyo Shinan Toroku Koho toku Jitsuyo Shinan Koho	1996-2004 1994-2004
Electronic data b	ase consulted during the international search (name of da	ata base and, where practicable, search te	rms used)
C. DOCUMEN	TTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.
Y	US 5603554 A (David A. MONROF 18 February, 1997 (18.02.97), Fig. 1 (Family: none)	Ξ),	1-3, 5, 6
Y	Microfilm of the specification annexed to the request of Jap Model Application No. 083592/No. 194805/1982) (NTN Toyo Bearing Co., Ltd.), 10 December, 1982 (10.12.82), Fig. 2 (Family: none)	anese Utility 1981(Laid-open	1-3, 5, 6
× Further do	ocuments are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family 	
Date of the actual completion of the international search 27 December, 2004 (27.12.04)		Date of mailing of the international search report 15 February, 2005 (15.02.05)	
	ng address of the ISA/ se Patent Office	Authorized officer	
Facsimile No. Form PCT/ISA/2	10 (second sheet) (January 2004)	Telephone No.	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	JP 2001-354004 A (NTN Corp.), 25 December, 2001 (25.12.01), Par. Nos. [0036] to [0037] & US 2002/0025093 A1	4		
A	JP 2002-021865 A (Koyo Seiko Co., Ltd.), 23 January, 2002 (23.01.02), Fig. 2 & US 2001/0019639 Al	1-6		
Α	JP 2001-246903 A (Koyo Seiko Co., Ltd.), 11 September, 2001 (11.09.01), Fig. 1 (Family: none)	1-6		
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